



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of:

INVENTORS: Finch et al.

SERIAL NO.: 09/945,518 ART UNIT: 2878

FILED: 08/31/2001 EXAMINER: Sung, Christine

TITLE: IRFPA ROIC with Dual TDM Rest Integrators and Sub-Frame Averaging Functions
per Unit Cell

ATTORNEY DOCKET NO.: 01W028

Commissioner for Patents
Alexandria, VA 22313

**LETTER ACCOMPANYING THE FILING OF REQUEST FOR CONTINUED
EXAMINATION**

Dear Sir:

The claims of the above-captioned U.S. Patent Application have been allowed, and the Issue Fee is due. Prior to the expiration of the time allotted to pay the Issue Fee, the applicants herewith submit a Request for Continued Examination and an Information Disclosure Statement that makes of record several commonly assigned and other U.S. Patents. It was noted when reviewing this file that an IDS was inadvertently not previously submitted. Consideration of the attached patent documents is respectfully requested.

Also enclosed is a revised Figure 1, showing Figures 1A and 1B, that is agreement with the Examiner's Amendment authorized by Attorney Schubert.

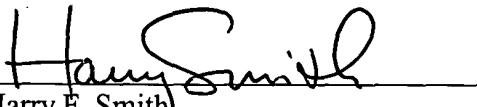
Also, the Examiner's reasons for allowance of claims 1-9 have been reviewed. The Examiner's attention is respectfully drawn to, for example, Fig. 2A and col. 4, lines 16-65, of U.S. 5,571,005 (Wyles et al.), and Fig. 3 of U.S. 4,857,725 (Goodnough et al.). The Examiner is respectfully requested to reconsider her stated reasons for allowance, which appear to be somewhat broadly stated in view of the prior art.

In addition, the Examiner cited U.S. 6,495,830, and characterized same as disclosing the simultaneous separation into spectral bands. While this may be true, it is noted that this U.S. Patent appears to teach that the photocurrent is not read-out simultaneously. Instead, the photocurrent from a "selected quantum well layer" is processed in the embodiment of Fig. 2 (col. 6, lines 22-28 and 36-40), and in Fig. 6 a ganged selector switch is used to "select" from which quantum well layer the photocurrent will be processed (e.g., col. 8, lines 38-47).

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The Examiner is respectfully requested to consider the attached U.S. Patents and to make same of record in this U.S. Patent Application, and to issue another Notice of Allowability and Notice of Allowance.

Respectfully submitted,


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